



# FACT SHEET

## R307-312 Aggregate Processing Operations for PM2.5 Nonattainment Areas

### Overview

The Utah Division of Air Quality requirement, R307-312, was adopted to establish emission standards for sources in the aggregate processing industry, including aggregate processing equipment, hot mix asphalt plants, and concrete batch plants. The rule applies to sources - except temporary hot mix asphalt plants - located within Salt Lake and Davis Counties; the Cache Valley; all regions in Weber and Utah counties west of the Wasatch mountain range; in Box Elder County, from the Wasatch mountain range west to the Promontory mountain range and south of Portage; and in Tooele County, from the northernmost part of the Oquirrh mountain range to the northern most part of the Stansbury mountain range and north of Route 199.

### Requirements

#### Visible Emissions

- Opacity limits are specified below:

Category	Opacity Limit
Crushers	12%
Screens	7%
Conveyor Transfer Points	7%
Concrete Batch Plants	7%

- Opacity Observations are conducted according to 40 CFR 60, Appendix A, Method 9.
- 30 minutes (five six-minute averages) duration.
- Compliance based on the average of the five six-minute averages.
- Only one six-minute average is required if the first observation is below the limit specified in Table 1.

Utah Division of Air Quality  
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Contact  
(801) 536-4000

General Air Quality information, regulations, and contact information:  
<http://www.airquality.utah.gov>

This fact sheet provides general information concerning the Aggregate Processing Operations for PM2.5 Nonattainment Areas rule. See: <http://www.rules.utah.gov/publicat/code/r307/r307-312.htm> for the entire rule.

### DEQ Social Media

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### ***Hot Mix Asphalt Plants***

- The filterable PM<sub>2.5</sub> emission rate from a plant dryer shall not exceed 0.024 grains per dry standard cubic feet.
  - Determined by 40 CFR 51, Appendix M, Method 201A.
- From November 1 to March 1, a hot mix asphalt plant burning a fuel other than natural gas or liquefied petroleum gas (LPG) shall not produce more than 50% of its rated capacity.
  - Production determined by scale house records or equivalent method on a daily basis.
  - Compliance based on either:
    - Daily amount of hot mix asphalt produced averaged over the operating day or;
    - The daily amount of hot mix asphalt produced while burning a fuel other than natural gas or LPG.
  - Compliance determined by production records and fuel records.

### ***Compliance Schedule***

- All sources that begin construction prior to June 7, 2013 must submit visible emission (VE) or stack test results demonstrating compliance by December 14, 2015.
- All sources that begin construction on or after June 7, 2013 must submit VE or stack test results demonstrating compliance no later than 180 days after initial startup.